Heredity **75** (1995) 653–656

Author index

Adriaensen, F. *see* Verheyen, G. R.
Altukhov, Y. P. *see* Dubrova, Y. E.
Alvarez, G. *see* Rolán-Alvarez, E.
Andersson, S., Differences in the genetic basis of leaf dissection between two populations of *Crepis tectorum* (Asteraceae) **62**
Antonovics, J. *see* McCauley, D. E.
Audo, M. C., Diehl, W. J., Effect of quantity and quality of environmental stress on multilocus heterozygosity – growth relationships in *Eisenia fetida* (Annelida: Oligochaeta) **98**

Bahrman, N. *see* Petit, R. J.
Baltensweiler, W. *see* Emelianov, I.
Baradat, Ph. *see* Petit, R. J.
Barbaux, S. *see* McElreavey, K.
Barrett, S. C. H. *see* Husband, B. C.
Barzotti, R. *see* Volpi, E. V.
Bas, N. *see* Maliepaard, C.
Beattie, A. J. *see* Peakall, R.
Beaumont, A. R., Fairbrother, J. E., Hoare, K., Multilocus heterozygosity and size: a test of hypotheses using triploid *Mytilus edulis* **256**
Biardi, J. E. *see* Kohn, J. R.
Bitner-Mathé, B. C., Peixoto, A. A., Klaczko, L. B., Morphological variation in a natural population of *Drosophila mediopunctata*: altitudinal cline, temporal changes and influence of chromosome inversions **54**
Black, R. *see* Johnson, M. S.
Blackman, R. L., Spence, J. M., Field, L. M., Devonshire, A. L., Chromosomal location of the amplified esterase genes conferring resistance to insecticides in *Myzus persicae* (Homoptera: Aphididae) **297**
Borodin, P. M. *see* Gorlov, I. P.
Bourke, E. A. *see* Wilson, I. F.
Broeck van den *see* Verheyen, G. R.
Broeckhovens, C. van *see* Verheyen, G. R.
Bucci, G., Menozzi, P., Genetic variation of RAPD markers in a *Picea abies* Karst. population **188**
Burgos, M. *see* Sánchez, A.
Byrne, T. G. *see* Tourjee, K. R.

Cabrero, J. *see* Pardo, M. C.
Camacho, J. P. M. *see* López-León, M. D.
Camacho, J. P. M. *see* Pardo, M. C.
Carr, D. E., Dudash, M. R., Inbreeding depression under a competitive regime in *Mimulus guttatus*: consequences for potential male and female function **437**
Carracedo, M. C., Piñeiro, R., Casares, P., Chromosomal substitution analysis of receptivity and sexual isolation in *Drosophilia melanogaster* females **541**
Carrière, Y., Roff, D. A., Change in genetic architecture resulting from the evolution of insecticide resistance: a theoretical and empirical analysis **618**
Casares, P. *see* Carracedo, M. C.
Chang, N. W. *see* Wade, M.J.
Chen, J. M., Gustafson, J. P., Physical mapping of restriction fragment length polymorphisms (RFLPs) in homoeologous group 7 chromosomes of wheat by *in situ* hybridization **225**
Clark, D. C., Moore, A. J., Genetic aspects of communication during male–male competition in the Madagascar hissing cockroach: honest signalling of size **198**
Clarke, G. P. Y. *see* Hohls, T.
Collins, F. H. *see* McLain, D. K.
Crnokrak, P., Roff, D. A., Dominance variance: associations with selection and fitness **530**
Cross, T. F. *see* Wilson, I. F.

Devonshire, A. L. *see* Blackman, R. L.
Dhondt, A. A. *see* Verheyen, G. R.
Díaz de la Guardia, R. *see* Sánchez, A.
Diehl, W. J. *see* Audo, M. C.
Donnelly, P., Nonindependence of matches at different loci in DNA profiles: quantifying the effect of close relatives on the match probability **26**
Dubrova, Y. E., Salmenkova, E. A., Altukhov, Y. P., Kartavtsev, Y. F., Kalkova, E. V., Omel'chenko, V. T., Family heterozygosity and progeny body length in pink salmon *Oncorhynchus gorbuscha* (Walbaum) **281**
Dudash, M. R. *see* Carr, D. E.
Dufresne, F., Hebert, P. D. N., Polyploidy and clonal diversity in an arctic cladoceran **45**

Emelianov, I., Mallet, J., Baltensweiler, W., Genetic differentiation in *Zeiraphera diniana* (Lepidoptera: Tortricidae, the larch budmoth): polymorphism, host races or sibling species? **416**

Fairbrother, J. E. *see* Beaumont, A. R.
Fellous, M. *see* McElreavey, K.
Fernández, A., Toro, M. A., López-Fanjul, C., The effect of inbreeding on the redistribution of genetic variance of fecundity and viability in *Tribolium castaneum* **376**
Field, L. M. *see* Blackman, R. L.

Finston, T. L., Peck, S. B., Population structure and gene flow in *Stomion*: a species swarm of flightless beetles of the Galápagos Islands **390**

Gevers, H. O. *see* Hohls, T.
Ghesquière, M. *see* Humphreys, M. W.
Giamoustaris, A. *see* Mithen, R.
Godt, M. J. W., Hamrick, J. L., The mating sytem of *Liatris helleri* (Asteraceae), a threatened plant species **398**
Göransson, G. *see* Von Schantz, T.
Gorlov, I. P., Borodin, P. M., Recombination in single and double heterozygetes for two partially overlapping inversions in chromosome 1 of the house mouse **113**
Grahn, M. *see* Von Schantz, T.
Groth, J. V., McCain, J. W., Roelfs, A. P., Virulence and isozyme diversity of sexual versus asexual collections of *Uromyces appendiculatus* (bean rust fungus) **234**
Gustafson, J. P. *see* Chen, J. M.

Hamrick, J. L. *see* Godt, M. J. W.
Hamrick, J. L. *see* Schierenbeck, K. A.
Harada, K., A quantative analysis of modifier mutations which occur in mutation accumulation lines in *Drosophilia melanogaster* **589**
Harding, J. *see* Tourjee, K. R.
Harper, J. A. *see* Humphreys, M. W.
Hazel, W. *see* Herrell, J.
Hebert, P. D. N. *see* Turgeon, J.
Hedrick, P. W., Genetic polymorphism in a temporally varying environment: effects of delayed germination or diapause **164**
Herbert, P. D. N. *see* Dufresne, F.
Herrell, J., Hazel, W., Female-limited variability in mimicry in the swallowtail butterfly *Papilo polyxenes* Fabr. **106**
Hessenauer, A. J. *see* Karron, J. D.
Heusden, S. V. van *see* Maliepaard, C.
Hewitt, G. M. *see* López-León, M. D.
Hoare, K. *see* Beaumont, A. R.
Hohls, T., Clarke, G. P. Y., Shanahan, P. E., Gevers, H. O., An unbiased estimator for identifying lines useful for the improvement of elite single crosses, based on a combining ability model **155**
Humphreys, M. W., Thomas, H. M., Morgan, W. G., Meredith, M. R., Harper, J. A., Thomas, H., Zwierzykowski, Z., Ghesquière, M., Discriminating the ancestral progenitors of hexaploid *Festuca arundinacea* using genomic *in situ* hybridization **171**
Husband, B. C., Barrett, S. C. H., Estimates of gene flow in *Eichhornia paniculata* (Pontederiaceae): effects of range substructure **549**
Husband, B. C., Schemske, D. W., Magnitude and timing of inbreeding depression in a diploid population of *Epilobium angustifolium* (Onagraceae) **206**

Ion, A. *see* McElreavey, K.

Jaenike, J. *see* Werren, J. H.
James, R. V. *see* Mitchell-Olds, T.
Jenkins, G. *see* Jiménez, G.
Jiménez, G., Jenkins, G., Lateral element lengths and nuclear disposition in *Lolium* **273**
Jiménez, R. *see* Sánchez, A.
Johnson, M. S., Black, R., Neighbourhood size and the importance of barriers to gene flow in an intertidal snail **142**
Juchault, P., Rigaud, T., Evidence for female heterogamety in two terrestrial crustaceans and the problem of sex chromosome evolution in isopods **466**

Kalkova, E. V. *see* Dubrova, Y. E.
Kao, T.-H. *see* Richman, A. D.
Karron, J. D., Thumser, N. N., Tucker, R., Hessenauer, A. J., The influence of population density on outcrossing rates in *Mimulus ringens* **175**
Karron, J. D., Tucker, R., Thumser, N. N., Reinartz, J. A., Comparison of pollinator flight movements and gene dispersal patterns in *Mimulus ringens* **612**
Kartavtsev, Y. F. *see* Dubrova, Y. E.
Kawecki, T. J., Expression of genetic and environmental variation for life history characters on the usual and novel hosts in *Callosobruchus maculatus* (Coleoptera: Bruchidae) **70**
Kempenaers, B. *see* Verheyen, G. R.
Klaczko, L. B. *see* Bitner-Mathé, B. C.
Kohn, J. R., Biardi, J. E., Outcrossing rates and inferred levels of inbreeding depression in gynodioecious *Cucurbita foetidissima* (Cucurbitaceae) **77**
Kos, J. *see* Maliepaard, C.
Kremer, A. *see* Zanetto, A.

Lambert, D. M. *see* White, C. S.
Lane, M. D., Lawrence, M. J., Genetics of seed dormancy in *Papaver rhoeas* **84**
Lane, M. D., Lawrence, M. J., The population genetics of the self-incompatibility polymorphism in *Papaver rhoeas*. X. An association between incompatibility genotype and seed dormancy **92**
Lanza, V. *see* Volpi, E. V.
Latta, R. G., The effects of embryo competition with mixed mating on the genetic load in plants **637**
Lawrence, M. J. *see* Lane, M. D.
Leonardi, S., Menozzi, P., Genetic variability of *Fagus sylvatica* L. in Italy: the role of postglacial recolonization **35**
López-León, M. D. *see* Pardo, M. C.
Lindhout, P. *see* Maliepaard, C.
Lobo, J. A., Morphometric, isozymic and mitochondrial variability of Africanized honeybees in Costa Rica **133**
López-Fanjul, C. *see* Fernández, A.
López-León, M. D., Vázquez, P., Hewitt, G. M., Camacho, J. P. M., Cloning and sequence analysis of an extremely homoge-

nous tandemly repeated DNA in the grasshopper *Eyprepocnemis plorans* **370**

McCain, J. W. *see* Groth, J. V.

McCauley, D. E., Raveill, J., Antonovics, J., Local founding events as determinants of genetic structure in a plant metapopulation **630**

McElreavey, K., Barbaux, S., Ion, A., Fellous, M., The genetic basis of murine and human sex determination: a review **599**

Mack, R. N. *see* Schierenbeck, K. A.

McKenzie, J. A., Yen, J. L., Genotype, environment and the asymmetry phenotype. Dieldrin-resistance in *Lucilia cuprina* (the Australian sheep blowfly) **181**

McLain, D. K., Wesson, D. M., Collins, F. H., Oliver, J. H. Jr, Evolution of the rDNA spacer, *ITS* 2, in the ticks *Ixodes scapularis* and *I. pacificus* (Acari: Ixodidae) **303**

McNaughton, M. *see* Wade, M. J.

McNicol, R. J. *see* Ven, W. T. G. van de

Maliepaard, C., Bas, N., Heusden van, S. V., Kos, J., Pet, G., Verkerk, R., Vrielink, R., Zabel, P., Lindhout, P., Mapping of QTLs for glandular trichome densities and *Trialeurodes vaporariorum* (greenhouse whitefly) resistance in an F_2 from *Lycopersicon esculentum* × *Lycopersicon hirsutum* f. *glabratum* **425**

Mallet, J. *see* Emelianov, I.

Matthysen, E. *see* Verheyen, G. R.

Menozzi, P. *see* Bucci, G.

Menozzi, P. *see* Leonardi, S.

Meredith, M. R. *see* Humphreys, M. W.

Mitchell-Olds, T., Vaughn James, R., Palmer, M. J., Williams, P. H., Genetics of *Brassica rapa* (syn. *campestris*). 2. Multiple disease resistance to three fungal pathogens: *Peronospora parasitica*, *Albugo candida* and *Leptosphaeria maculans* **362**

Mithen, R., Raybould, A. F., Giamoustaris, A., Divergent selection for secondary metabolites between wild populations of *Brassica oleracea* and its implications for plant-herbivore interactions **472**

Moore, A. J. *see* Clark, D. C.

Morgan, W. G. *see* Humphreys, M. W.

Oliver, J. H. Jr *see* McLain, D. K.

Omel'chenko, V. T. *see* Dubrova, Y. E.

Ortiz, R., Vuylsteke, D., Effect of the parthenocarpy gene P_1 and ploidy on fruit and bunch traits of plantain-banana hybrids **460**

Palmer, M. J. *see* Mitchell-Olds, T.

Pardo, M. C., López-León, M. D., Cabrero, J., Camacho, J. P. M., Cytological and developmental anlaysis of tychoparthenogenesis in *Locusta migratoria* **485**

Parsons, P. A., Inherited stress resistance and longevity: a stress theory of ageing **216**

Peakall, R., Beattie, A. J., Does ant dispersal of seeds in *Scleroolaena diacantha* (Chenopodiaceae) generate local spatial genetic structure? **351**

Peck, S. B. *see* Finston, T. L.

Peixoto, A. A. *see* Bitner-Mathé, B. C.

Pelliccia, F. *see* Volpi, E. V.

Pet, G. *see* Maliepaard, C.

Petit, R. J., Bahrman, N., Baradat, Ph., Comparison of genetic differentiation in maritime pine (*Pinus pinaster* Ait.) estimated using isozyme, total protein and terpenic loci **382**

Piñeiro, R. *see* Carracedo, M. C.

Polis, G. A. *see* Yamashita, T.

Raveill, J. *see* McCauley, D. E.

Raybould, A. F. *see* Mithen, R.

Reinartz, J. A. *see* Karron, J. D.

Richman, A. D., Kao, T.-H., Schaeffer, S. W., Uyenoyama, M. K., S-allele sequence diversity in natural populations of *Solanum carolinense* (Horsenettle) **405**

Rigaud, T. *see* Juchault, P.

Rocchi, A. *see* Volpi, E. V.

Roelfs, A. P. *see* Groth, J. V.

Roff, D. A. *see* Carrière, Y.

Roff, D. A. *see* Crnokrak, P.

Rolán-Alvarez, E., Zapata, C., Alvarez, G., Multilocus heterozygosity and sexual selection in a natural population of the marine snail *Littorina mariae* (Gastropoda: Prosobranchia) **17**

Salmenkova, E. A. *see* Dubrova, Y. E.

Sánchez, A., Jiménez, R., Burgos, M., Stitou, S., Zurita, F., Díaz de la Guardia, R., Cytogenetic pecularities in the Algerian hedgehog: silver stains not only NORs but also heterochromatic blocks **10**

Schaeffer, S. W. *see* Richman, A. D.

Schemske, D. W. *see* Husband, B. C.

Schierenbeck, K. A., Hamrick, J. L., Mack, R. N., Comparison of allozyme variability in a native and an introduced species of *Lonicera* **1**

Shanahan, P. E. *see* Hohls, T.

Singh, R. S. *see* Zeng, L.-W.

Spence, J. M. *see* Blackman, R. L.

Stitou, S. *see* Sánchez, A.

Sybenga, J., Meiotic pairing in autohexaploid *Lathyrus*: a mathematical model **343**

Thomas, H. *see* Humphreys, M. W.

Thomas, H. M. *see* Humphreys, M. W.

Thomas, H. M., Meiosis of triploid *Lolium*. II. Discrepancies between the analyses of chromosome configurations at metaphase I in inverse autoallotriploid combinations **446**

Thompson, R. *see* Visscher, P. M.

Thumser, N. N. *see* Karron, J. D.

Toro, M. A. *see* Fernández, A.

Tourjee, K. R., Harding, J., Byrne, T. G., Interpretation of a selection plateau through complex segregation analysis:

Euclidean distance index selection for flower colour in the Davis population of *Gerbera* **290**
Tucker, R. *see* Karron, J. D.
Tufvesson, M. *see* Von Schantz, T.
Turgeon, J., Hebert, P. D., Genetic characterization of breeding systems, ploidy levels and species boundaries in *Cypricercus* (Ostracoda) **561**

Uyenoyama, M. K. *see* Richman, A. D.

Vaughn James, R. *see* Mitchell-Olds, T.
Vázquez, P. *see* López-León, M. D.
Ven, W. T. G. van de, McNicol, R. J., The use of RAPD markers for the identification of Sitka spruce (*Picea sitchensis*) clones **126**
Verheyen, G. R., Kempenaers, B., Adriaensen, F., Broeck, M. van den, Matthysen, E., Broeckhovens, C. van, Dhondt, A. A., The genetic structure of populations as revealed by minisatellite single locus probes **571**
Verkerk, R. *see* Maliepaard, C.
Visscher, P. M., Thompson, R., Haplotype frequencies of linked loci in backcross populations derived from inbred lines **644**
Volpi, E. V., Pelliccia, F., Lanza, V., Barzotti, R., Rocchi, A., Simple DNA repeats and sex chromosome differentiation in *Asellus aquaticus* (Crustacea, Isopoda) **267**
Von Schantz, T., Tufvesson, M., Göransson, G., Grahn, M., Wilhelmson, M., Wittzell, H., Artificial selection for increased comb size and its effects on other sexual characters and viability in *Gallus domesticus* (the domestic chicken) **518**
Vrielink, R. *see* Maliepaard, C.
Vuylsteke, D. *see* Ortiz, R.

Wade, M. J., Chang, N. W., McNaughton, M., Incipient speciation in the flour beetle, *Tribolium confusum*: premating isolation between natural populations **453**
Werren, J. H., Jaenike, J., *Wolbachia* and cytoplasmic incompatibility in mycophagous *Drosophila* and their relatives **320**
Wesson, D. M. *see* McLain, D. K.
White, C. S., Lambert, D. M., Genetic continuity within, and discontinuities among, populations of leafroller moths with distinct sex-pheromones **243**
Wilhelmson, M. *see* Von Schantz, T.
Williams, P. H. *see* Mitchell-Olds, T.
Wilson, I. F., Bourke, E. A., Cross, T. F., Genetic variation at traditional and novel allozyme loci, applied to interactions between wild and reared *Salmo salar* L. (Atlantic salmon) **578**
Wittzell, H. *see* Von Schantz, T.

Yamashita, T., Polis, G. A., Geographical analysis of scorpion populations on habitat islands **495**
Yen, J. L. *see* McKenzie, J. A.
Zabel, P. *see* Maliepaard,
Zanetto, A., Kremer, A., Geographical structure of gene diversity in *Quercus petraea* (Matt.) Liebl. I. Monolocus patterns of variation **506**
Zapata, C. *see* Rolán-Alvarez, E.
Zeng, L.-W., Singh, R. S., A general method for identifying major hybrid male sterility genes in *Drosophila* **331**
Zurita, F. *see* Sánchez, A.
Zwierzykowski, Z. *see* Humphreys, M. W.

Heredity **75** (1995) 657–660

Keyword index

abiotic stress **216**
adaptation **62**
Africanized honeybees **133**
ageing **216**
agonism **198**
allele substitution **460**
allozymes **45, 390, 416, 495, 506, 549**
ant dispersal **351**
aphid chromosomes **297**
arctic habitat **45**
artificial selection **376, 518**
Asellus **267**
asexual/sexual diversity **234**
asexuality **561**
associative overdominance **17, 256**
asymmetry **181**
autoallotriploid **446**
autohexaploid **343**

B chromosomes **273, 370**
backcross population **644**
banana **460**
bean rust **234**
beetles **390**
Bembicium vittatum **142**
biochemical markers **382**
biotin **225**
blowfly **181**
blue tit **571**
Brassica **472**
B. rapa **362**

chroma **290**
chromatid interference **113**
chromosomal analysis **541**
chromosome inversions **54**
clines **54**
clonal diversity **45, 561**
clone identification **126**
coevolution **472**
colonization **630**
combining ability **155**
compensatory base evolution **303**
competition **437**
concerted evolution **303**
conservation **398**
Crepis tectorum **62**
crustacean **267**
cryptic species **243**
Ctenopseustis obliquana **243**
Cucurbita foetidissima **77**
cytoplasmic incompatibility **320**

Daphnia **45**
density **175**
diallel cross **155**
diapause **164, 618**
dieldrin resistance **181**
directional selection **84**
diversity **506**
diversity indexes **234**
DNA profiles **26**
DNA sequencing **370**
domestic chicken **518**
dominance variance **530**
donor inbred **155**
Drosophila mediopunctata **54**
D. melanogaster **541, 589**
D. simulans **541**

Eichhornia paniculata **549**
Eisenia fetida **98**
Eluma purpurascens **466**
embryo competition **637**
endangered plant **398**
environmental stress **98**
enzyme activities **589**
Epilobium angustifolium **206**
epistasis **281**
Erinaceus algirus **10**
esterase genes **297**
evolution **106**
evolvability **198**
experimental arrays **175**

F-statistics **472, 549, 571**
Fagus sylvatica **35**
family variation **206**
farmed line **578**
favourable alleles **155**
fecundity **376**
female mate choice **453**
female receptivity **541**
female-limited variation **106**

Festuca arundinacea **171**
F. glaucescent **171**
F. pratensis **171**
FISH gene amplification **297**
fitness **530**
fitness estimates **17**
forensic science **26**
fruit parthenocarpy **460**
fungal pathogens **362**

Galápagos Islands **390**
geitonogamy **175**
gene correlation **351**
gene dispersal **612**
gene flow **142, 351, 390, 549, 630**
gene frequency **644**
generalist herbivores **472**
genetic architecture **62,84**
genetic correlations **198, 290, 362, 518, 618**
genetic differentiation **506**
genetic distance **495, 571**
genetic diversity **382**
genetic impact **578**
genetic polymorphism **164**
genetic structure **188, 351**
genetic subdivision **142**
genetic variability **1, 35, 216, 234**
genetic variance **376, 530, 589**
genotype **446**
geographical differentiation **578**
geographical variation **35**
germination **164**
GISH **171**
glucosinolates **472**
growth **98, 281**
G_{ST} **382**
gynodioecy **77**

habitat variation **70**
heritability **70, 198, 290, 618**
heterochomatin variation **10**
heterochromatin **370**
heterogamety evolution **466**
heterogeneous environments **70**
heterosis **17**
heterozygosity **98, 506**
heterozygosity optimum **281**
heterozygosity/size **256**
honest signalling **198**
host races **416**
house mouse **113**
hue **290**
hybrid sterility **331**

in situ hybridization **225**
inbred lines **644**
inbreeding depression **77, 206, 376, 437, 637**
incipient speciation **453**
insect resistance **425**
insecticide resistance **297, 618**
introduced populations **1**
isolation by distance **142**
isopod **267**
isozymes **133, 206, 243, 281**
ITS 2 **303**

karyotype evolution **10**

labelling **225**
Lathyrus palustris **343**
leaf shape **62**
leafroller moths **243**
Liatris helleri **398**
life history **70**
life history costs **618**
life stage **206**
linkage disequilibrium **188**
linked loci **644**
littorine snail **142**
Locusta migratoria **485**
Lolium **273, 446**
longevity **216**
Lonicera japonica **1**
L. sempervirens **1**
Lucilia cuprina **181**
Lycopersicon esculentum **425**
L. hirsutum f. *glabratum* **425**

male ornaments **518**
Mantel's test **495**
marker-assisted selection **460**
mate selection **17**
mathematical model **343**
mating system **206, 398, 437**
meiosis **343**
metapopulation **630**
migration **133**
mimicry **106**
Mimulus guttatus **437**
M. ringens **612**
minisatellites **26, 571**
mitochondrial DNA **45, 133**
modifier mutations **589**
morphological distance **495**
morphometrics **133**
morphometry **54**
mouse chromosome **1, 113**
multiple disease resistance **362**

multivalent **343**
mussels **256**
mutation **637**
mutation rates **589**
mycophagous *Drosophila* **320**
Mytilus edulis **256**

native populations **1**
natural selection **382**
neighbourhood size **142, 612**
NOR variation **10**
Norway spruce **188**
novel allozymes **578**
nucleotype **446**

Oncorhynchus gorbuscha **281**
Oniscidea **466**
Oniscus asellus **466**
Ostracoda **561**
outcrossing rate **77, 175, 398**
overlapping inversions **113**
ovule production **437**

Papaver rhoeas **84, 92**
Papilio polyxenes **106**
parthenogenesis **485, 561**
paternity analysis **175, 612**
penetrance **62**
Phaseolus vulgaris **234**
phenotypic correlations **518**
pheromone strains **243**
phylogeny **171**
Picea sitchensis **126**
Pinus pinaster **382**
Planotortrix excessana **243**
plantain **460**
pleiotropy **618**
ploidy **460**
ploidy restoration **485**
pollen carryover **612**
pollen production **437**
pollinator movements **175, 612**
polyploidy **45, 561**
population genetics **26, 390**
population structure **416, 571, 630**
position effect **297**
postglacial colonization **35**
preferential pairing **446**
premating reproductive isolation **453**
principal components **54**
product rule **26**
protein polymrophism **589**
purging **637**

QTL mapping **425**
quantitative traits **290**
Quercus petraea **506**

range substructure **549**
RAPDs **126, 188**
reaction norm **54**
recombination frequency **113**
relatedness **351**
repetitive DNA **370**
replication slippage **303**
reproductive isolation **331**
RFLPs **225**
RT-PCR **405**

S-allele diversity **405**
Salmo salar **578**
salmon **281, 578**
satellite DNA **370**
scorpions **495**
seed bank **164**
seed beetles **70**
seed dormancy **84, 92**
segregation distortion **425**
selection **530**
self-fertilization **77**
self-incompatibility **92, 398, 405**
sex chromosome **267**
sex determination **466, 599**
sex differentiation **599**
sex linkage **416**
sex ratio **77**
sex reversal **599**
sex-ratio distorters **466**
sexual isolation **541**
sexual selection **198**
'Shirley' cultivar **84**
Silene alba **630**
silver staining **10**
simple repeats **267**
simulation **549**
single crosses **155**
single locus probe **571**
Sitka spruce **126**
size **17**
social insects **133**
Solanum carolinense **405**
spatial autocorrelation **188, 351, 506**
specialist herbivores **472**
speciation **331, 416**
spermatogenesis **331**
SRY **599**
stress resistance **216**

subrepeats **303**
supplemental mass-pollination **637**
synaptonemal complex **273**

thelytoky **485**
tick **303**
trade-off **21**
trees **35, 126, 188, 382, 506**
Trialeurodes vaporariorum **425**
Tribolium castaneum **376**
T. confusum **453**
triploids **256**
Triticum aestivum **225**
tychoparthenogenesis **485**

unbiased estimator **155**
Uromyces appendiculatus **234**

value of colour **290**
variable environments **164**
variance components **70**
viability **376, 518**

wild populations **578**
wing morphology **54**
Wolbachia **320**

XX male **599**
XY female **599**

Zeiraphera diniana **416**